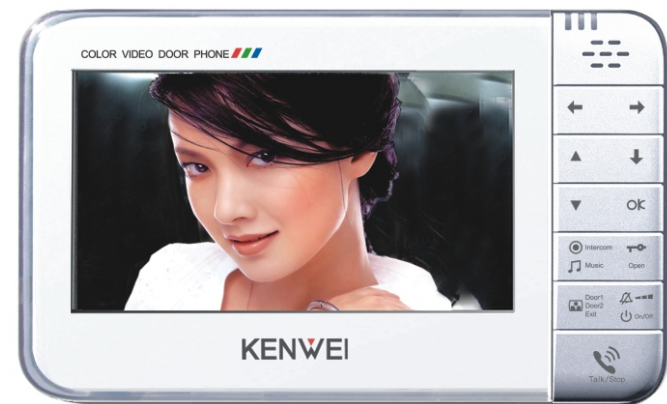


Video Door Phone Indoor Monitor ----- KW-128C User's Manual



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PRODUCT INTRODUCTION

Thank you for purchasing our products of building intercom system series. Please read the instructions carefully and follow the directions before install the products. Any problem regarding to the product, please query your supplier.

GENERAL FEATURES:

- Hands-free and auto-off function
- Monitor and remote unlock
- Kinds of chord ring (optional) and clear tone
- Image memory
- 16:9 screen, widen your vision (for 7" LCD only)
- OSD (Brightness/contrast/Color/image size adjustable)
- No bother function
- B&W or Color image memory (optional)
- Colour Image can be recorded in FLASH & SD card (optional)



CAUTION: Please don't remove cover or back. Please ask professional person if maintenance needed.



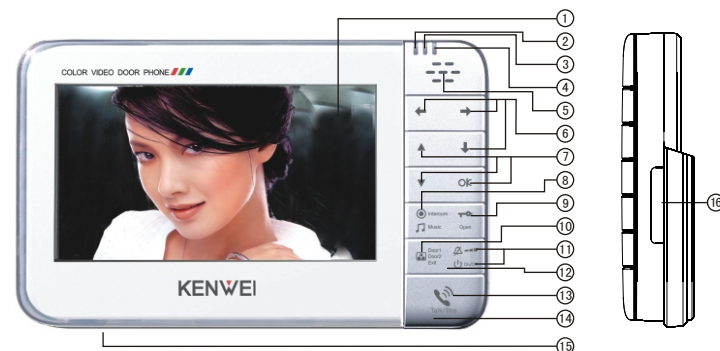
Remind users that important operation and maintenance guides are included in the attached user's manual.

Remark

* **KENWEI** reserves the right to change or modify design, features, functions and specifications without any prior notice for the improvement and promotion of products quality.

FEATURES AND PARTS

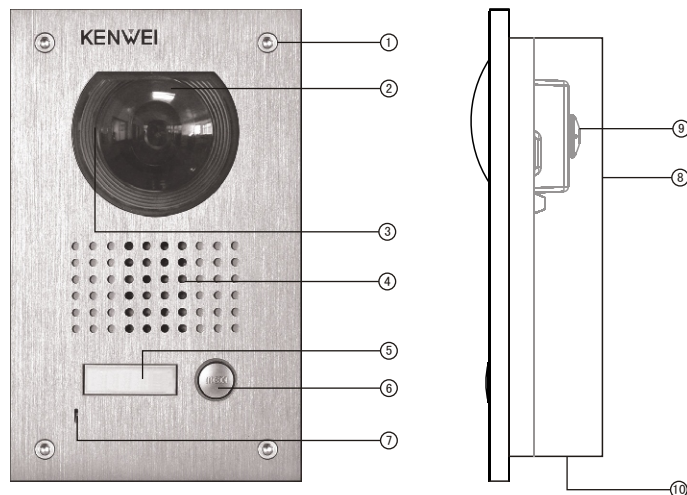
KW-128C Features And Parts



1. 5.6" or 7" color TFT screen
2. LED for power/LED for Image memory
3. LED for door 1
4. LED for door 2
5. Speake
6. TFT OSD navigation("←" minus, "→" plus, "↓" function selection)
7. a. Color Image memory navigation("▲" up, "▼" down, "OK" confirmation)
b. B&W Image memory navigation("▲" time; "▼" record, "OK" play)
c. no function without memory
8. Intercom/Music selection
9. Open
10. Monitor Door 1/Monitor Door 2/Quit
11. LED of no bother
12. No bother/Volume/Power switch
13. Talk/Stop
14. LED for working status
15. Microphone
16. Slot for SD card(color image memory)

Remark

the function after "/" means the button with different functions under different status.



1. Screws to fix panel
2. CCD camera(B&W/Color)
3. White light/IR light
4. Speaker
5. Room No. and night light
6. Call button
7. Microphone
8. Imbedded assembling box
9. Camera angle adjusting button
10. Connecting port

Remark

The indoor unit is connectable to any outdoor unit with 4-wire from our company.

OPERATION GUIDE

The Operation For The Indoor Unit

1. Power On/Off

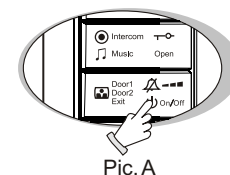
1.1 Power On

On the power, the unit will enter the stand-by status automatically.

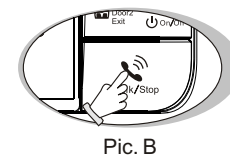
Off the power, press "on" button(Pic. A), the unit will sound "Di" and enter the stand-by status and the LED will light

1.2 Power Off

Under the stand-by mode, press the "off" button(Pic. A) for 5 seconds, the unit will sound "Di Di Di" and enter the power off status and the LED of no bother, power and working status will turn off.



Pic. A



Pic. B

2. Call Remind

2.1. Outdoor Unit 1 Call The Indoor Unit

The indoor unit will display the image of outdoor unit 1 automatically when the outdoor unit 1 calls, and the LED of outdoor unit 1 will light, the LED of working status will glitter and the unit will under chord ring select status(See P8 point 7), the selected melody is for Door 1.

2.2 Outdoor unit 2 call the indoor unit(more than 1 outdoor unit)

The indoor unit will display the image of outdoor unit 2 automatically when the outdoor unit 2 calls, and the LED of outdoor unit 2 will light, the LED of working status will glitter and the melody for Door 2 is the next melody of Door 1.

2.3 Indoor unit call indoor unit(more than 1 indoor unit)

The LED of working status will glitter and the indoor unit will sound "Du Du" when the indoor unit calls indoor unit. (no ring under no bother status)

3. Talk/Stop

3.1 Call To Talk

When the indoor unit is called, please see "P7 point 2.1", press "talk" button(Pic. B) to enter talking status, the unit and the calling unit can talk.

3.2 Monitor to Talk

When the indoor unit under “monitor” status, please see “P8 point 6”, press “talk” button(Pic. C) to enter talking status, the indoor unit and the monitored outdoor unit can talk.

3.3 Stand-by to Talk

Under stand-by status, press “talk” button(Pic.C) to talk with outdoor unit 1 directly, it is available for the indoor unit and outdoor unit 1 only.

3.4 Stop

Enter talk status, repress “stop” button(Pic. C) to finish talk, the unit will back to stand-by status or will be off automatically after 90s.

4. Reject answering

If you don't want to talk with visitors when they press call button, you can press talk button continually for 2 seconds to finish or wait 30 seconds and the ring will stop automatically.

5. Open the door

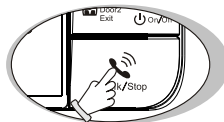
- You can press “open” button(Pic. C) to let visitors in when you talk with visitors. (An electronic lock should be installed on the outdoor)
- Press “open” button(Pic E), the system will under unlock status for 3s, if hold “open” button(Pic E), the system will always under unlock status, but after 8s, the system will be back.

6. Monitor/Exit monitor

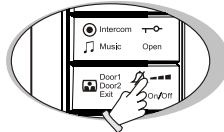
Under stand-by status, press “monitor” button(Pic. F) to monitor the outdoor unit 1, repress “monitor” button(Pic. F) to monitor the outdoor unit 2, press “monitor” button again, the unit will exit to monitor status and back to stand-by status, after 90s. it will exit the monitor status automatically. (under monitor status, there is no voice, cannot open the door)

7. Chord ring select

You can choose the chord ring by pressing the “Music” button(Pic. G) for 2 seconds when the unit is under standby. The ring is different by pressing “Music” button(Pic. G) each time, you can save the



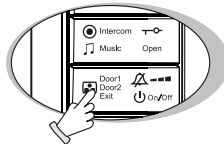
Pic.C



Pic.D



Pic.E



Pic.F



Pic.G

ring you prefer with pressing “talk” button(Pic. C) or wait for the ring stop automatically. The selected melody is for Door 1. The melody for Door 2 is the next melody. The music from intercom will discontinuously sound “Du”.

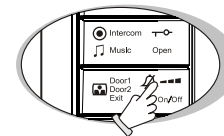
8. Ring Volume/talking Volume

8.1 Ring Volume

- Per press “Volume” button(Pic. H) to adjust ring volume during selecting chord ring.
- when this unit calls other indoor units, it will discontinuously sound “Du” and can not adjust the volume

8.2. Talking Volume

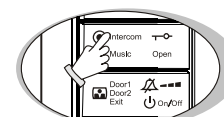
Press “Volume” button(Pic. H) to adjust talking volume during talking status.



Pic.H



Pic.I



Pic.J

9. No bother function

Press the “no bother” button(Pic. H) for 2 seconds under standby status, the unit will sound “Di” and enter no bother status and the LED will light. You can only see the picture of visitors without hearing the ring while the outdoor unit calls. By pressing the “talk” button(Pic. I) to talk with visitor and the LED will turn off. Press the “no bother” button(Pic. H) for 2s under ringing status, the unit will stop ringing and enter no bother status and the LED will light.

10. Exit no bother function:

- Under stand-by or no bother status, press the “no bother” button(Pic. H), it will exit the no bother status when the unit sound “Di”, the LED will turn off.
- It will exit no bother function automatically while the indoor unit enter talking status.
- It will exit no bother function automatically after successful call from one indoor unit to another indoor unit.
- It will exit no bother function automatically after power off.

11. Intercom(more than 1 indoor units)

- Under standby status, press “Intercom” button(Pic. J) and then “talk” button(Pic. I), you can call another indoor unit. (Remark: It's available for two in-

door units only.)

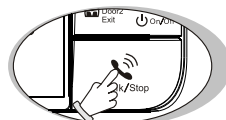
- b. When there are more than two indoor units, the times you press the “Intercom” button(Pic.K) should be the same as the room No. of called room, and then press the “talk” button(Pic. L) to talk.(e.g. If you want to talk to No.3 extension, press “intercom” button(Pic.K) 3 times and then press “talk” button(Pic. L)

During the operation of a and b, the related buttons should be pressed within 4 seconds. If fail to press “Intercom” button (Pic. K) or “talk” button (Pic. L), or wrong button pressed, the intercom function should be operated from very beginning.

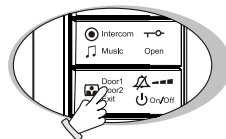
- c. When the indoor units ring, only the “talk” button(Pic. L) of called unit can be pressed to talk and under this status, the no bother LED light. The no bother function will return to normal when talk is finished.
- d. During calling and ringing from the indoor units, the two ringing units can be pressing “talk” button(Pic. L) to end of the calling.



Pic.K



Pic.L



Pic.M

12. Outdoor unit call transfer(more than 1 indoor unit)

During the talk, the way to transfer the call from outdoor unit to another indoor unit is the same as the intercom between indoor ones. After the successful transfer, the called indoor unit will ring and others will be in busy status.

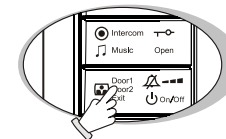
13. Room Number indication

Under the stand-by status, press “talk” button(Pic. L) while the LED flashing and the flashing times of the standby light is in accordance with the room number. Release “Talk” button(Pic. L), the unit will go back to stand-by status. (eg: flashing twice stands for the sub unit of No.2)

14. Away function(with image memory function only)

- a. With color memory: under stand-by status, the away function will be turned on by pressing “monitor” button (Pic. M) for 2s,the unit will sound “Di Di” and the LED will light continually . The unit will with the away function when it turns on per time. While the outdoor unit calls, the unit will store the image from the outdoor unit automatically.
- b. With B&W memory: under stand-by status, the away

function will be turned on by pressing “monitor” button(Pic.N) for 2s, the unit will sound “Di” and the LED of away(blue light) will light continually. The unit will exit the away function when the power is off or the power is cut off



Pic.N

15. Exit away function(with image memory function only)

- a. With color memory: under stand-by and away function status, will exit the away function by pressing “monitor” button(Pic. N) for 2s, the unit will sound “Di” and the LED will flash. While the outdoor unit calls, the unit will cancel to store the image from the outdoor unit automatically.
- b. With B&W memory: under stand-by and away function status, will exit the away function by pressing “monitor” button(Pic. N) for 2s, the unit will sound “Di” and the LED of stay away(blue light) will turn off. The away function will be turn off when the unit turns on per time.

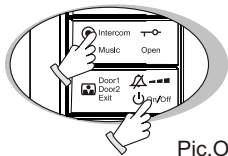
16. Busy status(more than 1 indoor units)

With color memory: the functions of color image memory, chord ring select and ring volume adjustment are working properly while the units under busy status, but for other functions, the unit will sound “Du”. With or without memory: the functions of chord ring select and ring volume adjustment are working properly while the units under busy status, but for other functions, the unit will sound “Du”.

- a. When the indoor unit with outdoor camera is in monitoring and talking with any outdoor unit, other indoor units will enter busy status.
- b. When the indoor units enter busy status and talking with any outdoor units, the indoor unit with outdoor camera assist this indoor unit enter monitoring and talking with outdoor unit status and supply the power to this outdoor unit, the LED of outdoor unit will light and other indoor units will enter busy status.
- c. When the two indoor units are communicating, other ones will be in busy status. After the communication, the busy status finishes and all indoor units enter standby mode.

17. Visitors call remind (more than 1 indoor units)

- When the indoor unit under stand-by, monitoring, calling, talking and without no-bother status, the indoor unit and outdoor unit will ring while the outdoor unit calls.
- When the indoor unit is talking with outdoor unit, another outdoor unit calls in, the indoor unit in communication will sound "Di Di Di" discontinuously to remind that there is another visitor call. At this time the indoor and outdoor ones will not ring.



Pic.O



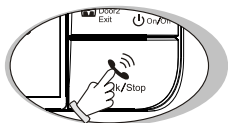
Pic.P

18. Alarm for room number confliction (more than 2 indoor units)

When the room number of indoor unit is the same as that of the others, the unit will sound discontinuous "Di", and then you need to change this number to avoid confliction.

19. Alarm for communication confliction (more than 2 indoor units)

When the indoor unit sounds "Di" every three seconds, it shows the connection between the indoor and outdoor unit has communication confliction. Please inspect the circuitry or check the indoor monitor if in off status. Press "monitor" button (Pic. P) or "talk" button (Pic. Q) to connect with the outdoor, it quit the alarm automatically.



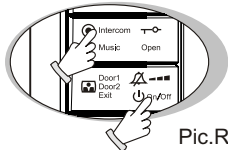
Pic.Q

Special Functions

If the system is working properly, don't set the room no. Improper setup will make the system in trouble.

1. Initialization of indoor unit's number

When all indoor units and outdoor camera are installed, the system doesn't work properly please reinitialize all indoor units and setup the room numbers. Turn off the unit, press "Intercom" button at the same time press "on/off" (Pic. R) to turn on the unit. The system will sound "Di", and release "Intercom" button. Now the "Talk" LED flashes three times quickly then back to standby. The initialization finish, room No. is 0.



Pic.R

2. Indoor unit room number setup—automatically (more than 2 indoor unit)

- When there are 2 indoor units, after initialization of all indoor units (see point 1), press "call" from outdoor camera and the indoor units will ring. The unit's room

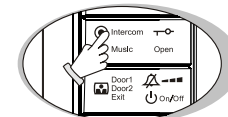
numbers are set automatically and ready to work.

- When there are more than 2 indoor units, after initialization of all indoor units (see point 1), connect the main indoor unit and no. 2 indoor unit and turn them on, press "call" from outdoor camera and the indoor units will ring. And then connect no. 3 indoor unit and call from outdoor unit. When the indoor units ring, the no. 3 indoor unit is set. No. 4, No. 5, etc.

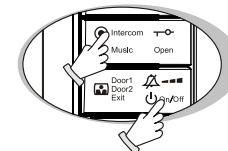
3. Indoor unit room number setup—manual (more than 2 indoor unit)

When there are more than 2 indoor units, the system will allocate the room number automatically. If you want to change the room number (Except the indoor one which is connected to the outdoor unit), it can be changed following the following steps:

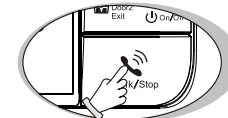
- Please make the unit under power off status.
- After the first step, press and hold "intercom" button (Pic. S) at the same time press "on/off" button (Pic. S1), when the unit sounds "Di", release "intercom" button and "on/off" button. Then press "Open" button (Pic.S3) three times within 4 seconds. At this time working LED will glitter three times and the unit sound "Di" and the no bother LED will light up.
- Following the second step, each time you press "Talk" button (Pic.S2), the unit will sound "Di" and please check the flash times of the working LED which stands for the room number.
- After room number setting, press "on/off" button (Pic. S2) for 2s, the unit will sound "Di", and the working LED glitter three times and the room number setting is successfully completed.
- After the room number setting, if the number is the same as the others in this system, the unit will alarm and sound "Di" discontinuously. You can reset the room number or change the conflicted one. Cut off the power supply of the alarming unit after successful change and then turn on again.



Pic.S



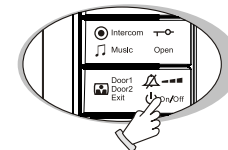
Pic.S1



Pic.S2



Pic.S3



Pic.S4

Remark

During step b of point 3, if you fail to press "Open" button three times within 4 seconds, the working LED will return to glitter under standby. The operation failed, you have to restart from step a.

LED Status

➤ Power LED light

Power on

➤ LED of outdoor unit 1 and the LED of working status light

monitoring and talking with outdoor unit 1

➤ LED of outdoor unit 2 and the LED of working status light

monitoring and talking outdoor unit 2

➤ No bother LED and the LED of working status light

talking with indoor unit

➤ LED of outdoor unit 1 light and the LED of working status glitter

calling from the outdoor unit 1

➤ LED of outdoor unit 2 light and the LED of working status glitter

calling from the outdoor unit 2

➤ The working status of LED glitter

calling from other indoor units

➤ No-bother LED light continually

under no-bother status

➤ Power LED glitter

The unit turns off the away function (with color memory)

➤ LED of B&W memory light

under the away status (with B&W memory)

Voice status

➤ Sound “Di” discontinuously: room number confliction

➤ Sound “Di Di” discontinuously: communication confliction

➤ Sound “Di Di Di” discontinuously: calling from another outdoor unit

➤ sound “Du” : Operation is not allowed

➤ Sound “Di-----” : Power on

Remark

All the indoor units and outdoor units are formatted in our factory. Any indoor unit can connect any outdoor unit. When indoor unit and outdoor unit connected well, call the indoor unit from the outdoor unit first to let the system identify the correct connection and start work. Otherwise, they system will not work properly. After the outdoor camera calls the indoor unit, do not change the indoor unit any more.

Color Image & video memory operation(Optional)

➤ Color image function

1. This indoor monitor is equipped with storing and recalling color image functions. Even after power off, the image will be still stored.

2. Store color images:

a. This unit is set with storing color function. This is a default function.

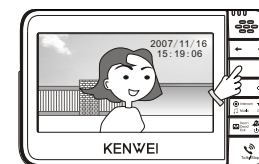
b. Auto storing

When a visitor calls in, it will store a color picture automatically. The picture is with time.

c. Manual storing

When a visitor calls in, after 5 seconds, press “▲” to store a color image with time.

When talking with outdoor camera, press “OK”, after 5 seconds, when the screen displays clock, press “▲” to store a color image with time.

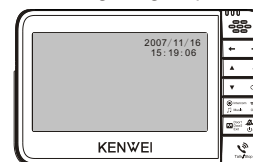


Pic. A-1

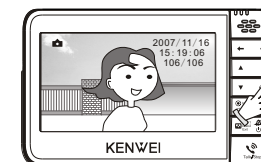
3. View color images

a. When in standby status, press the “OK” button for 5 seconds, when the screen displays clock, press “OK” again to view images. Press “▲” or “▼” to scroll.

b. When viewing images, press “▼” to exit.



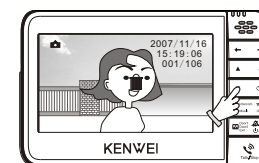
Pic. A-2



Pic. A-3

4. Delete color images

When viewing images, press “▼” for 3 seconds to delete the image.



Pic. A-4

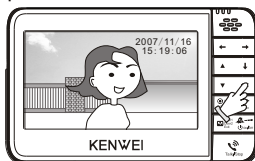
➤ Color video function

1. This indoor monitor is equipped with recording and playing color video functions. Every time 10 seconds with avi format. Even after power off, the video will be still stored.

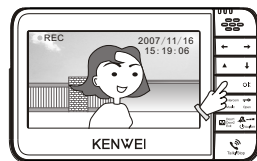
2. Record color video

When a visitor calls in, after 5 seconds of the monitor working, press “▼” to record color video.

When talking with outdoor camera, press “OK”, after 5 seconds, when the screen displays clock, press “▼” to record color video.



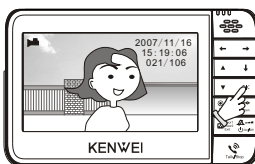
Pic. A-5



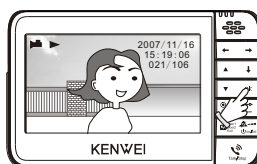
Pic. A-6

3. Play color video

- When in standby status, press “OK” button for 5 seconds, when the screen displays clock, press “OK” again to view video. Press “▲” or “▼” to scroll, when the screen displays “▶”, it is a video. At this time press “OK” to play the recorded video.
- When playing video, press “OK” for 3 seconds to exit.



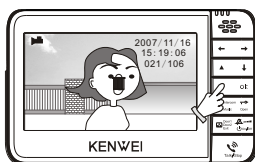
Pic. A-7



Pic. A-8

4. Delete color video

When playing video, press “▼” for 3 seconds to delete the video.



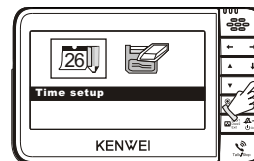
Pic. A-9

➤ SD card function

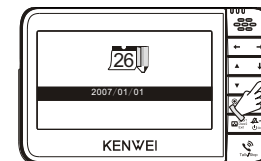
- This indoor monitor is equipped with SD card function to store images and videos. The SD card can be taken out to input to computer.
- If SD card not inserted, the images and videos will be saved in the built-in memory; if SD card inserted, the images and videos will be saved in the SD card automatically.

➤ Time setting

- When in standby status, press “▲” or “▼” for 5 seconds, when the screen displays clock, press “OK” for 3 to 4 seconds, the menu for setting time will display. Press “▲” or “▼” to select the setting menu, press “OK” to enter the setting.
- During time setting, press “▲” or “▼” to change the date and time, press “OK” to confirm and change to next item. After finish, it will exit time setting automatically.



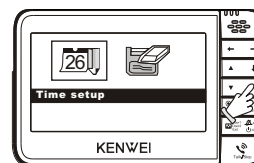
Pic. B-1



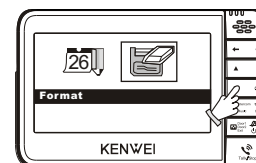
Pic. B-2

➤ Format built-in memory and SD card

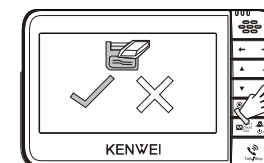
When in standby status, press “▲” or “▼” for 5 seconds, when the screen displays clock, press “OK” for 3 to 4 seconds, the menu for setting time will display. Press “▲” or “▼” to select the format menu, press “OK” to format the built-in memory and SD card.



Pic. B-3



Pic. B-4

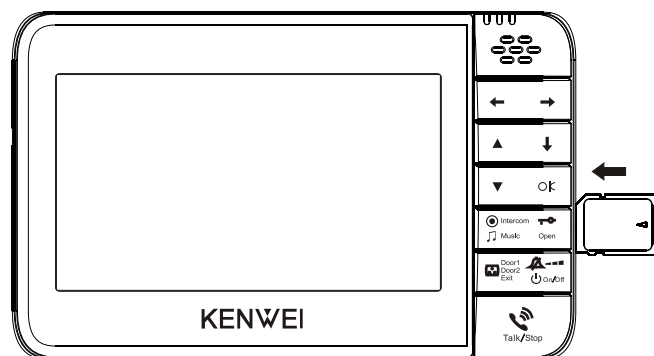


Pic. B-5

Note: information of the picture and file

| | |
|----------------|--|
| Storage format | Image: jpg; Video: avi, 5fps |
| Image size | About 60K (depending on the background) |
| Video size | About 500K (depending on the background) |
| Image quantity | Without SD card: about 200 pieces Maximum SD card capacity: 2G Maximum image: 1024 pieces |
| Video quantity | Without SD card: about 20 segments Maximum SD card capacity: 2G Maximum video: 1024 segments |

SD card insert



SD card insert: Press the card slightly into the slot as the arrow direction.

SD card take out: Press slightly at the card, it will come out from the slot.

Instruction Of B&W Image Memory(Optional)

1. Recording function:

The user can store visitor's picture with time display. (Up to 32 or 64 pictures).

2. Picture review function:

The user can review stored pictures during monitor and talking status.

3. Auto-off function:

After 10 seconds of operation of reviewing pictures, the system will return to standby status automatically.

4. Time display and edit function:

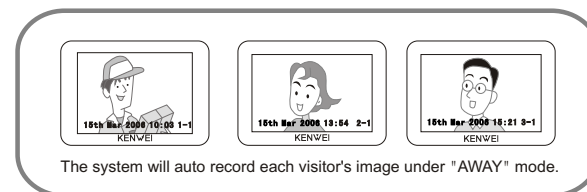
During operation of image memory unit, the time will display and the time and date are editable.

5. Away management function:

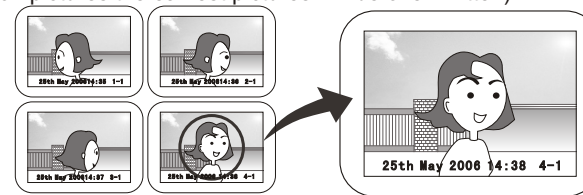
When in Away function, the indoor unit will store the visitor's pictures automatically.

B&W Image Memory Operation

1. If the system enters away management function, when a visitor presses Call button from the outdoor camera, the indoor unit will store the visitor's picture. When you come back home, you can review the visitor's picture by pressing "ok" button.



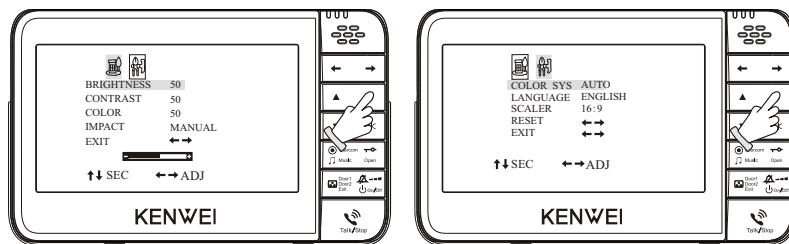
2. When in monitor status, press "▼" to store image. Store 1 picture with time display by pressing "▼" button every time. (Up to 32 or 64 pictures, when more than 32 or 64 pictures the earliest pictures will be over written).



Push "▼" to enter into the record mode, push one time record one picture with time.

Enlarge the picture

3. In monitor status, review 1 picture in time sequence by pressing "ok" button every time. After 10 seconds, the system will go back to monitor status.
4. In monitor status, press "▲" button to display time and date, and press "ok" button to edit time and date. When time adjustment finishes, press "▲" button to exit time setting.



Menu A

Menu B

Brightness, contrast, color, image size and language are adjustable. Press "↓" button the window will display the image quality adjustment menu A while TFT is working, press "↓" button to choose the one which you want to adjust, after choosing the exit menu A, to repress "↓" button, the window will display the second image quality adjustment menu B.

1. Image quality of brightness, contrast and color adjustment

Press "↓" button, the window will display the image quality adjustment menu A while TFT is working, press "↓" button to select brightness, contrast and color, press "←" to weakening, press "→" to enhancing.

2. Image quality setup

Press "↓" button, the window will display the image quality adjustment menu A while TFT is working, press "↓" button to choose image quality setup, then press "←" and "→" button to adjust in bright, soft, standard and personal settings.

3. Color standard setup

Press "↓" button, the window will display the image quality adjustment menu B while TFT is working, then press "←" and "→" button to adjust in AUTO, SECAM, NTSC and PAL.

4. Language of image quality adjustment menu setup

Press "↓" button, the window will display the image quality adjustment menu B while TFT is working, then press "←" and "→" button to choose the language you need.

5. Image size setup

Press "↓" button, the window will display the image quality adjustment menu B while TFT is working, press "↓" button to choose the image size, then press "←" and "→" button to select in 16:9 and 4:3

6. Image quality reset

Press "↓" button, the window will display the image quality adjustment menu B while TFT is working, press "↓" button to choose reset, then press "←" and "→" button, the image quality will come back to default status.

7. Exit image quality adjustment menu

Press "↓" button, the window will display the image quality adjustment menu B while TFT is working, press "↓" button to choose exit, then press "←" and "→" button to exit.

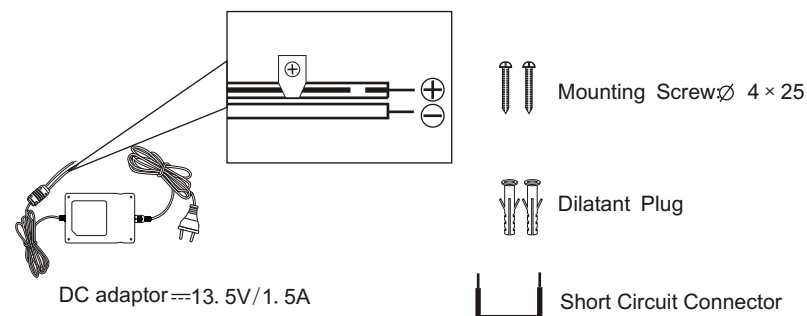
SPECIFICATIONS AND ACCESSORIES

Product dimension:

(Unit: MM)



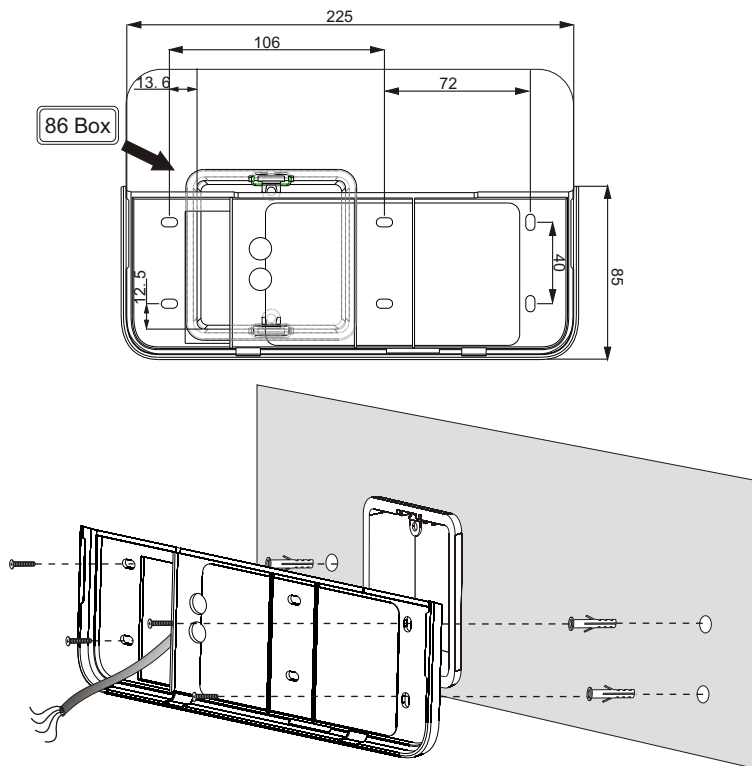
Accessories:



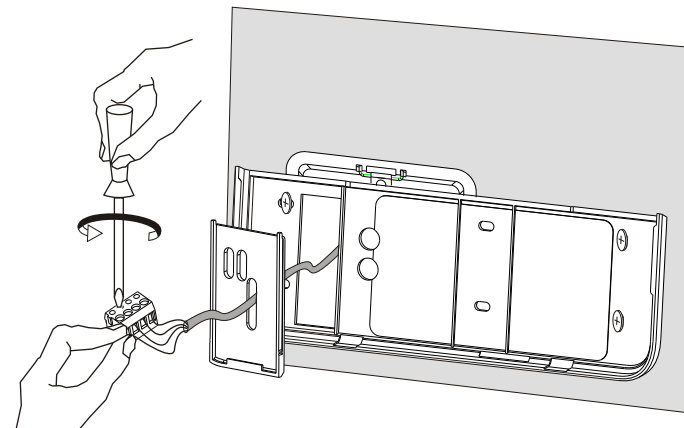
INSTALLATION

Surface Mount Type Sketch A

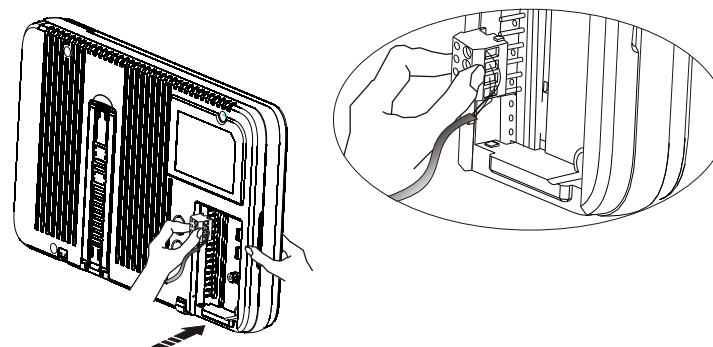
(Unit: MM)



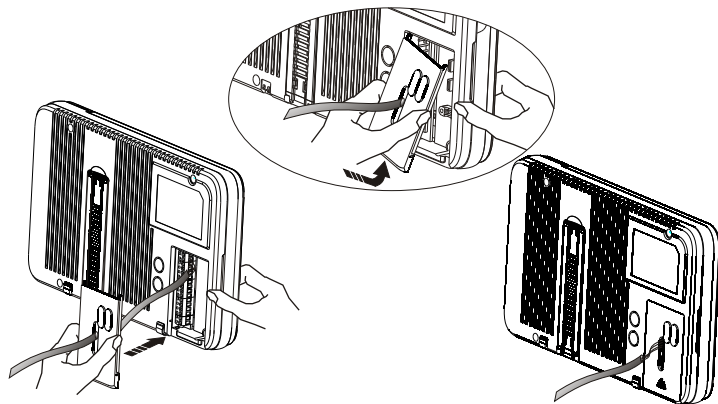
- ① Make sure the connection place of the mounting bracket aim at the hole in the wall or the wall box, drill 4 holes on the wall according the bracket hole, and then drill the dilatant plug in it.



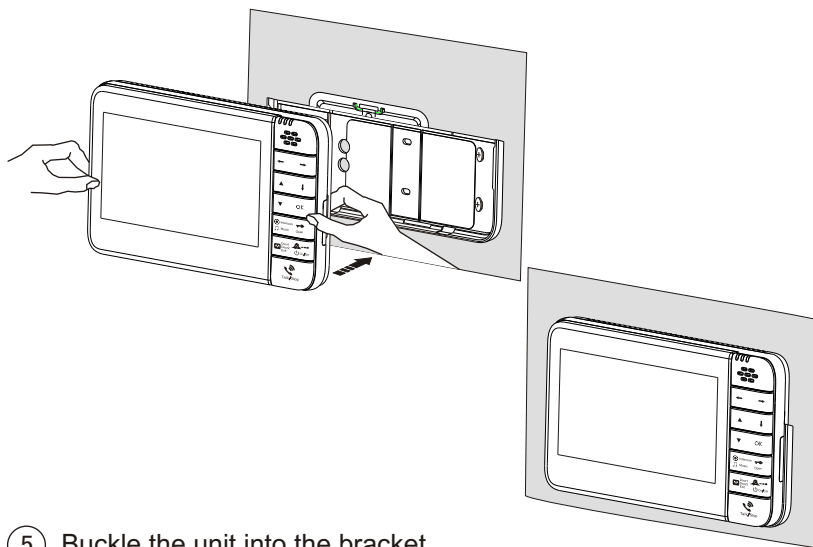
- ② Connect the line with the line through the mounting bracket in correct place, make the bracket aimed at the hole, screw the bracket tightly, and keep them on the line. Noted: Each port in one line, please check it one by one after connection



- ③ After connection, insert the wiring ports to the needles.



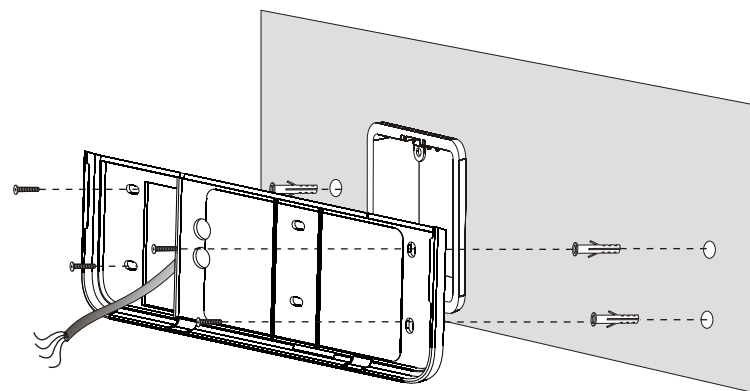
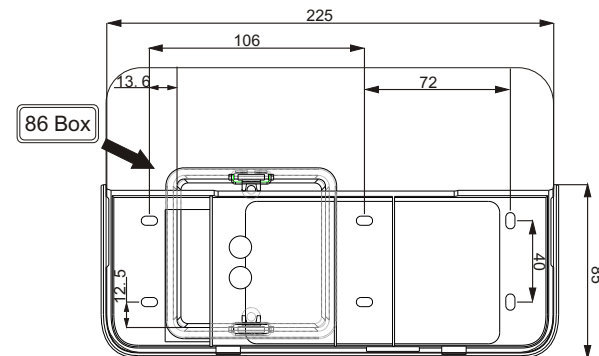
- ④ After inserting, tidy up the wires and cover the box.



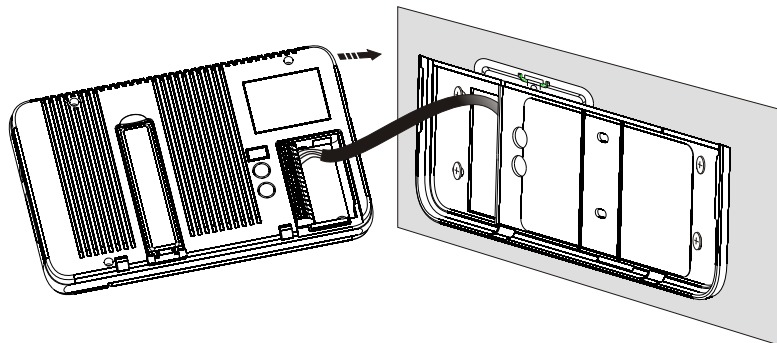
- ⑤ Buckle the unit into the bracket.

Surface Mount Type Sketch B

(Unit: MM)

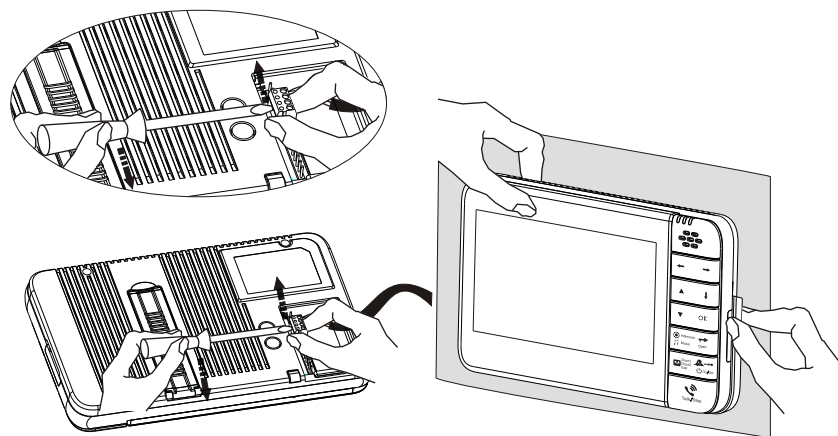


- ① Make sure the connection place of the mounting bracket aim at the hole in the wall or the wall box, drill 4 holes on the wall according the bracket hole, and then drill the dilatant plug in it.



- ② Connect the line with the line through the bracket in correct place, make the bracket aimed at the hole, screw the bracket tightly, tidy up the line. Buckle the unit into the bracket.

Dismounting method



Use a screw driver to take out the connecting ports.

If you want to put the unit out of the mounting bracket, you can press the edge of the mounting bracket, and then pull forward the unit.

INSTALLATION ATTENTION

1. Do not expose the unit to sunshine or rain:

Even if you do not use it, don't expose it to sunshine or rain.

2. Do not expose to intense light:

Spotlight may cause stain or striation in the screen.

3. Do not disassemble the unit by yourself:

Improper disassembly may damage the unit or cause electric shock.

4. Do not splash water on the unit:

Install the unit in dry place. In case that the unit gets wet, turn off the unit and contact your dealer.

5. Check the ambient temperature and humidity:

Avoid using the unit where the temperature is hotter or colder than specified, otherwise the internal parts may get affected. Special care is required to use the unit at high temperature and humidity.

6. In case of trouble:

If any trouble occurs while you are using the unit, turn off the power and contact your dealer to avoid worse problem or unpredictable accident.

7. About operation:

Keep the unit away from magnetic equipments such as microwave oven or big speaker. If the unit will not be used for a long time, please switch it off.

8. About clean:

Use soft cloth to clean the unit. Do not use any impregnant, such as alcohol, benzene. If you have any problem, please contact your dealer.

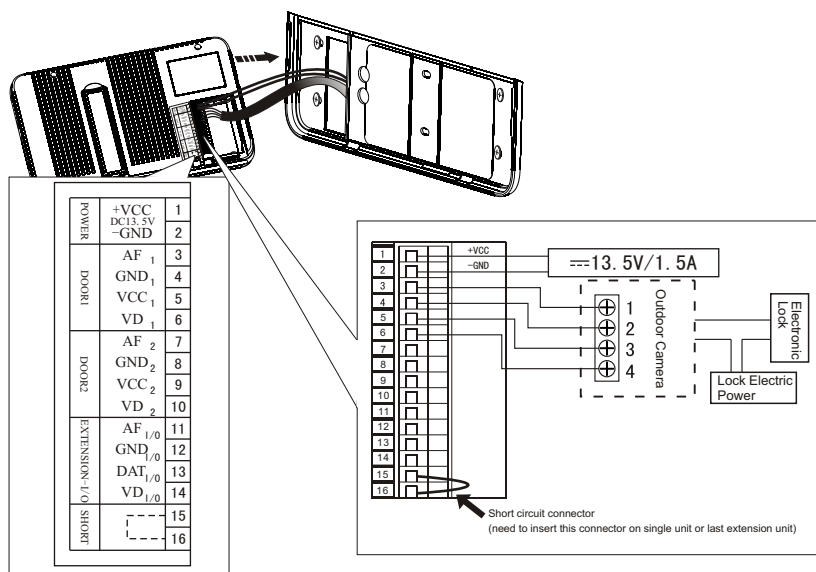
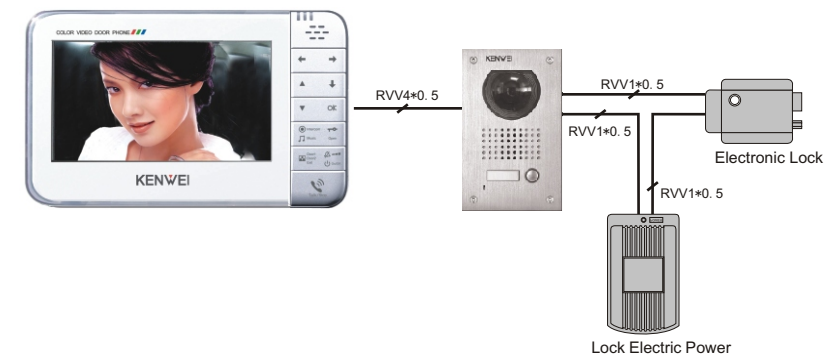
Remark

When you choose the place to install the unit, please pay attention to:

- Keep sufficient space for ventilation and easy communication.
- Keep sufficient space to adjust while installing.
- Not put hot resource under the unit.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

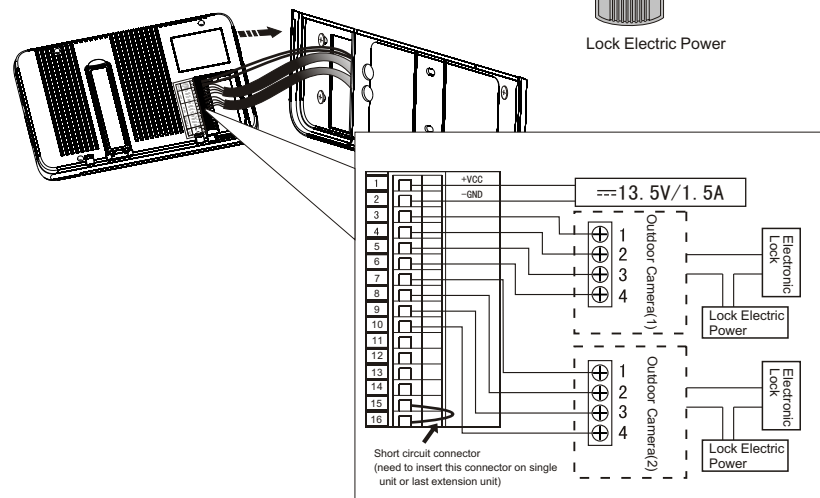
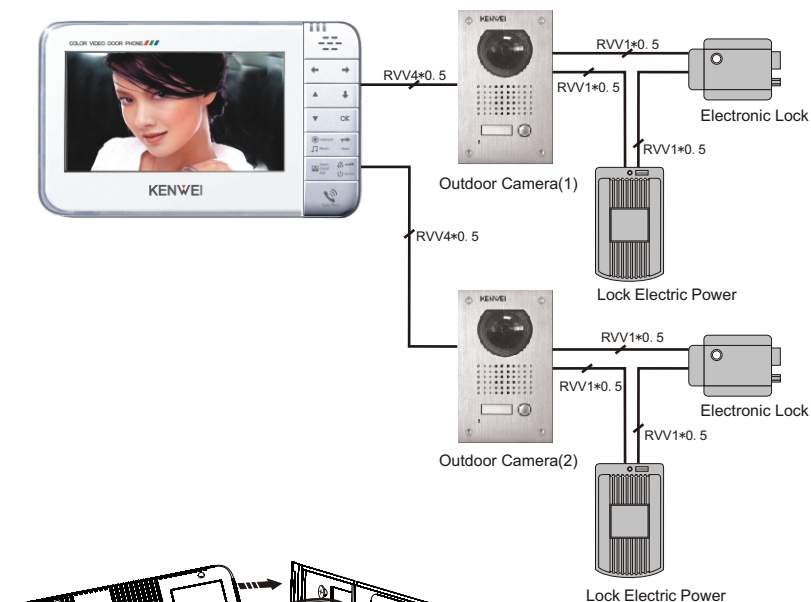
WIRING DIAGRAMS

Connection Diagram Of Indoor Units And Outdoor Camera(1-1)



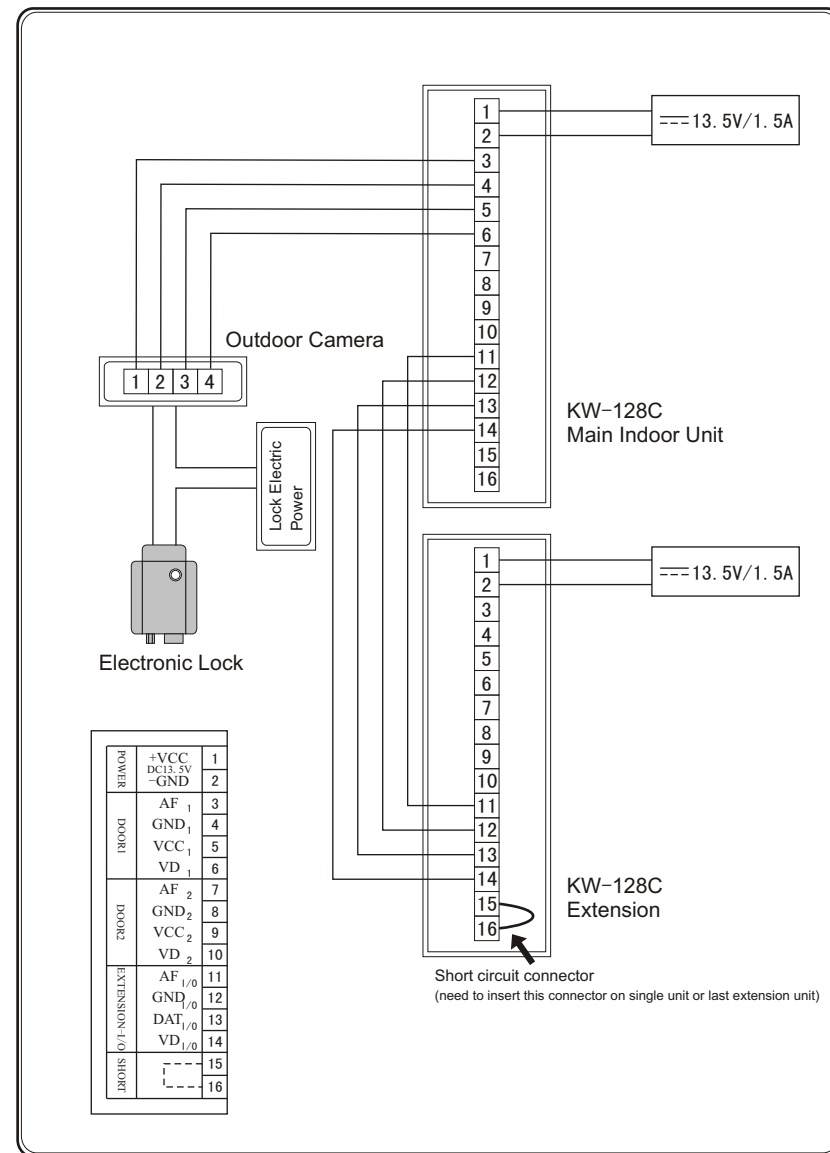
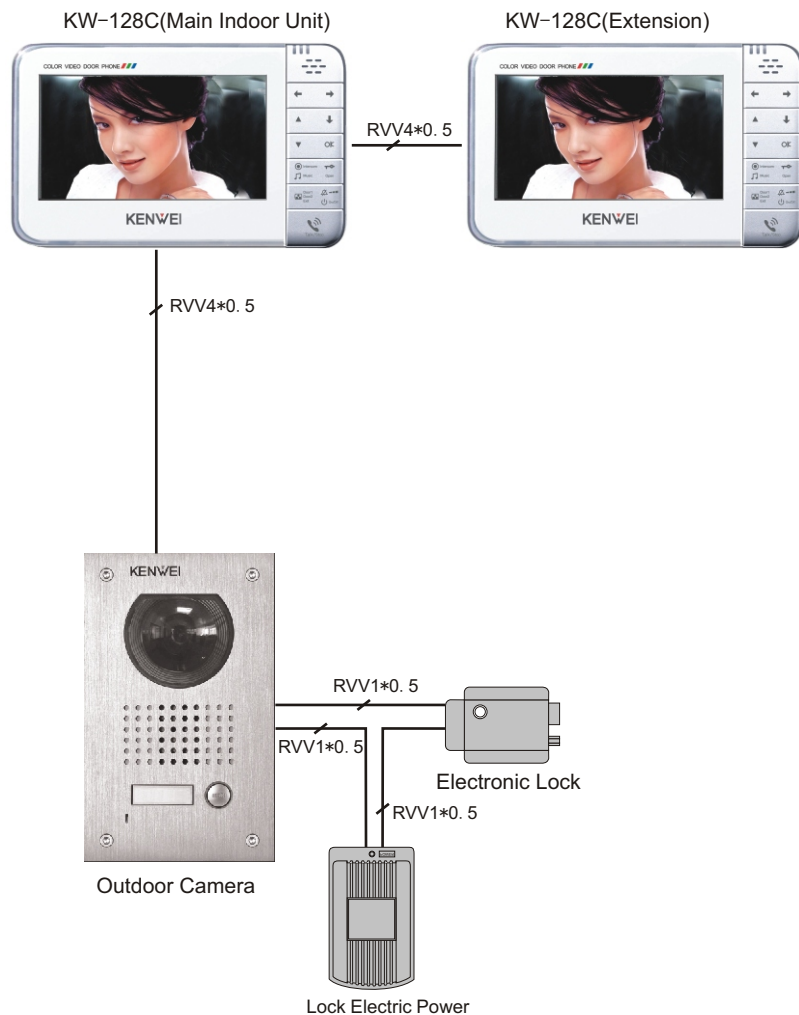
Connection Diagram

Connection Diagram Of Indoor Units And Outdoor Camera(1-2)

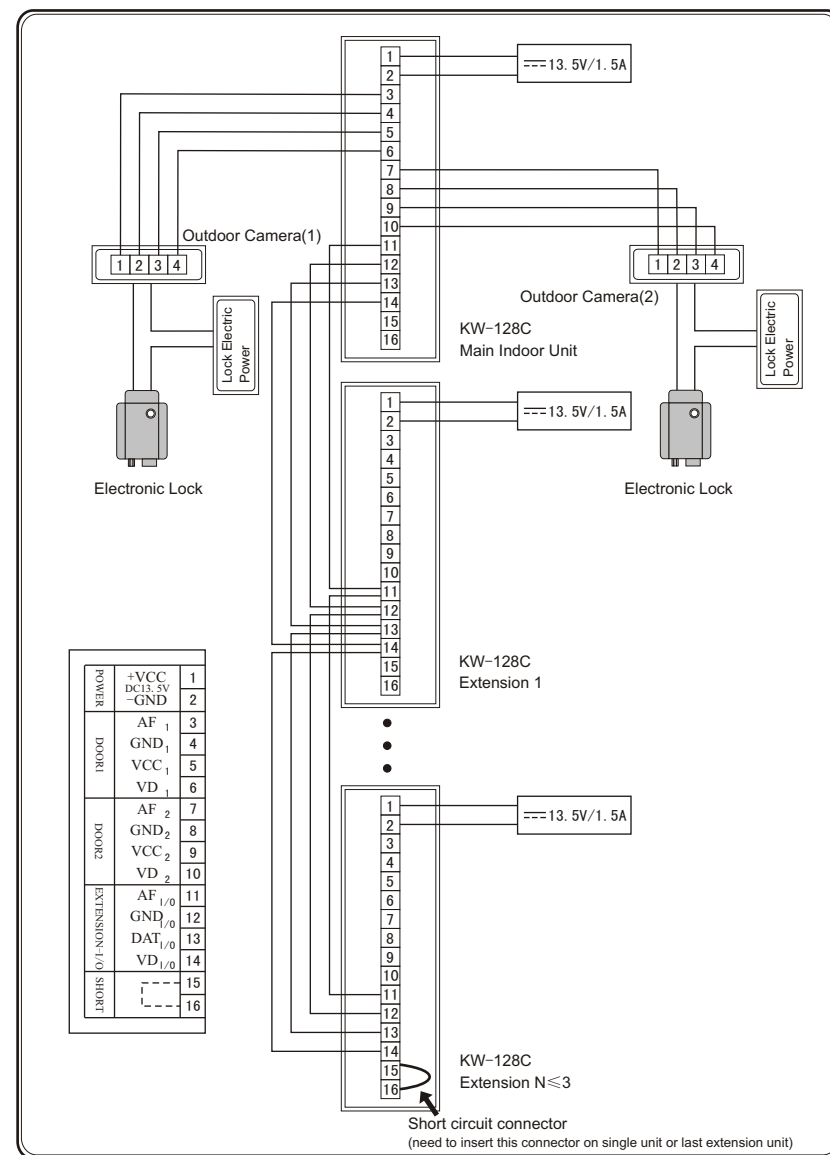
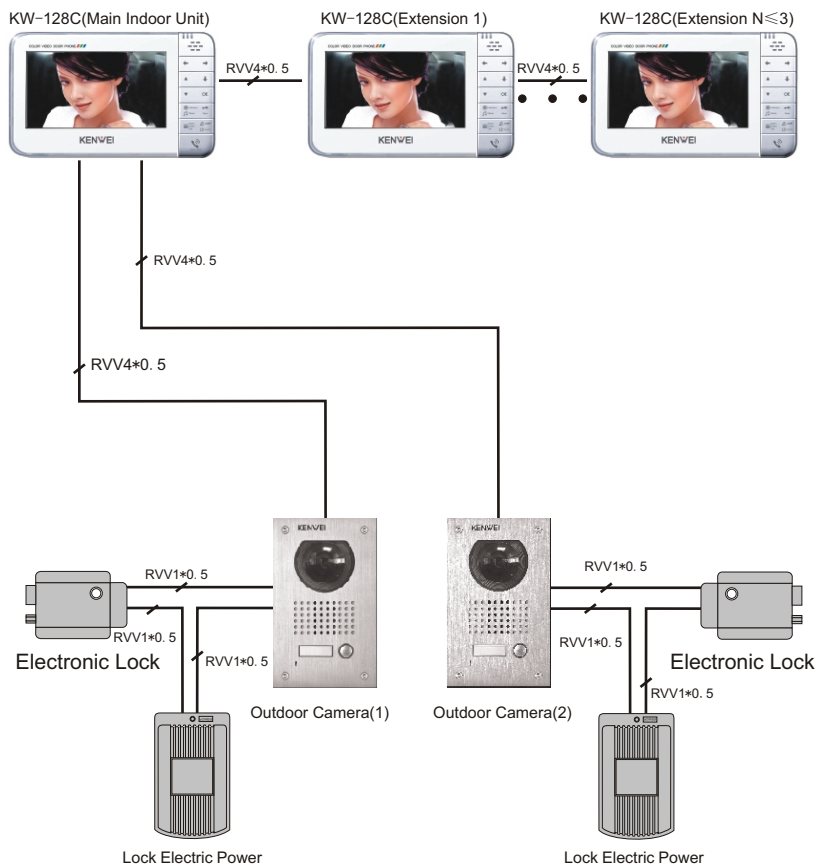


Connection Diagram

Connection Diagram Of Indoor Units And Outdoor Camera(2-1)



Connection Diagram Of More Units



TROUBLE SHOOTING GUIDE

| Problem | Possible Cause | Resolving |
|--|--|--|
| <ul style="list-style-type: none"> ➤ The unit doesn't work at all ➤ The power LED doesn't work | <ul style="list-style-type: none"> ➤ The unit doesn't supply the power ➤ The power is off | <ul style="list-style-type: none"> ➤ Check the adapter is ok or not ➤ Exit the off state refer on the No.1 operation method of the indoor unit |
| <ul style="list-style-type: none"> ➤ Cannot call | <ul style="list-style-type: none"> ➤ The AF line is in short circuit ➤ The unit is in off state | <ul style="list-style-type: none"> ➤ Check the connection between the door and the unit ➤ Exit the off state refers on No.1 of operation method of the indoor unit |
| <ul style="list-style-type: none"> ➤ Cannot monitor the door camera | <ul style="list-style-type: none"> ➤ Room number is not set ➤ Some problems of the connection in door camera | <ul style="list-style-type: none"> ➤ Reset the room number refers on No. 3 of special function of setting number ➤ Check the connection problem of the door camera |
| <ul style="list-style-type: none"> ➤ Discontinuous music in "Di" of the monitor | <ul style="list-style-type: none"> ➤ The unit is in off ➤ The wires between the monitor and the camera are shorted | <ul style="list-style-type: none"> ➤ Exit the off state refers on No.1 of operation method of the indoor unit ➤ Check the connection between the door and the unit |
| <ul style="list-style-type: none"> ➤ Continuous music "Di" of the monitor | <ul style="list-style-type: none"> ➤ Two room number is the same | <ul style="list-style-type: none"> ➤ Reset the room number refers on No. 3 of special function of setting number |
| <ul style="list-style-type: none"> ➤ Can call well but the picture is overlapped | <ul style="list-style-type: none"> ➤ The last monitor's short circuit Connector is not inserted | <ul style="list-style-type: none"> ➤ Insert the short circuit line well |

SPECIFICATIONS

| Item \ Model | KW-128C |
|-----------------------|--|
| Display | 5.6" / 7" Color TFT(optional) |
| Power | ≐ 13.5V / 1.5A |
| Wiring | 4 wires in polarity |
| Ring | Music, Chord and "DingDong" |
| Communication | Hands free |
| Consumption | 8.8W(with color image memory) ≐ 13.5V/650mA 6.75W(with B&W image memory) ≐ DC13.5V/500mA 6.1W(without image memory function) ≐ DC13.5V/450mA |
| Wiring Distance | 50M/165Inch(RVV4*0.5) |
| Operation Temperature | -20 °C ~ +50 °C |
| Outdoor Unit | Connectable to any outdoor camera from our company |